

Speculum Uranicum;
O R A N
ALMANACK
A N D
PROGNOSTICATION

For the Year of our Lord God, 1683.

Being the third from the

BISSEXTILE, or LEAP-YEAR.

And from the Creation of the World, 5632.

Wherein is contained the State of the Year, the Eclipses, Lunations, Conjunctions, and Aspects of the Planets and Meteorological Observations, with the Rising, Southing, and Setting of the Sun and Moon, throughout the whole Year, whereby may be known the hour of the Night when the Moon is to be seen.

Calculated according to Art, and referred to the Horison of the famous City of London, whose Longitude is 24 degr. 20 min. Latitude 51 degr. 32 min. and may serve, without any sensible Errour, the whole Kingdom of England.

By **THOMAS FOWLE**, *Prattitioner in the Mathematicks.*

God made two great Lights, the greater Light to rule the day, and the lesser Light to rule the Night: He made the Stars also, and God set them in the Firmament of Heaven, to shine upon the Earth, and to rule in the Day and in the Night, and to separate the Light from the Darkness: and God saw that it was very good. Chap. I and the XVI. XVII, and XVIII. Verses.

L O N D O N;

Printed for the Company of STATIONERS, 1683.

The REGAL Table.

KINGS Names.	Benan their Reigns.	Reigned.			Since their Reign.
		Yea.	Mo.	Da.	
Will. Conqu.	1066. Octo. 14.	20,	11,	22.	596. Sep. 9.
Will. Rufus.	1087. Sept. 9.	12,	11,	19.	583. Aug. 2.
Henry I.	1100. Aug. 1.	35,	4,	11.	548. Dec. 1.
King Stephen.	1135. Dec. 2.	18,	11,	19.	529. Oct. 26.
Henry II.	1154. Oct. 25.	34,	9,	2.	494. July 6.
Richard I.	1189. July 6.	9,	9,	0.	484. Apr. 6.
King John.	1199. April 6.	17,	7,	0.	467. Oct. 19.
Henry III.	1216. Oct. 19.	56,	1,	0.	411. Nov. 16.
Edward I.	1272. Nov. 16.	34,	8,	6.	376. July 7.
Edward II.	1307. July 7.	19,	7,	5.	357. Jan. 25.
Edward III.	1329. Jan. 25.	50,	5,	7.	306. June 21.
Richard II.	1277. June 21.	22,	3,	14.	284. Sep. 29.
Henry IV.	1399. Sep. 29.	13,	6,	3.	270. Mar. 20.
Henry V.	1412. Mar. 20.	9,	5,	24.	261. Aug. 31.
Henry VI.	1422. Aug. 31.	38,	16,	223.	Mar. 4.
Edward IV.	1460. Mar. 4.	22,	8,	200.	Apr. 9.
Edward V.	1483. Apr. 9.	0,	18,	200.	Jun. 18.
Richard III.	1483. Jun. 18.	2,	5,	198.	Aug. 22.
Henry VII.	1485. Aug. 22.	23,	10,	2.	174. Apr. 22.
Henry VIII.	1509. April 22.	37,	10,	2.	137. Jan. 28.
Edward VI.	1547. Janu. 28.	6,	5,	19.	130. July 6.
Queen Mary.	1553. July 6.	5,	4,	22.	125. Nov. 17.
Qu. Elizabeth.	1558. Nov. 17.	44,	4,	16.	81. Mar. 24.
King James.	1602. Mar. 24.	22,	0,	3.	58. Mar. 27.
Charles I.	1625. Mar. 27.	22,	10,	3.	35. Jan. 30.
Charles II.	1648. Janu. 30.	Whom God grant long to Reiga			

This Table sheweth you the beginning of the Reign of each King and Queen of *England*, since the Conquest by Duke *William of Normandy*; how long they reigned; and how many years it is since their Reign ended.

Of Twenty Six doth only One remain,

Whom God preserve, grant long and prosp'rous Reign.

The Dominion of the Moon in Man's Body, passing under the 12 Zodiacal Constellations.

♈ <i>Aries</i> , Head and Face.	♎ <i>Libra</i> , Reins and Loins.
♉ <i>Taurus</i> , Neck and Throat.	♏ <i>Scorpio</i> , Secret Members.
♊ <i>Gemini</i> , Arms and Shoulders.	♐ <i>Sagittarius</i> , Thighs.
♋ <i>Cancer</i> , Breast and Stomach.	♑ <i>Capricornus</i> , Knees.
♌ <i>Leo</i> , Heart and Back.	♒ <i>Aquarius</i> , Legs.
♍ <i>Virgo</i> , Bowels and Belly.	♓ <i>Pisces</i> , Feet.

The Characters of the Seven PLANETS.

♄ Saturn.	♀ Venus.	♏ Dragons Head.
♃ Jupiter.	☿ Mercury.	♑ Dragons Tail.
♂ Mars.	☾ Luna, or Moon.	
☼ Sol.		

A Table of the Aspects, both Old and New, according to *Eichstadius*.

Characters	Names of the ASPECTS.	Distan. S. d.	The several shapes of the Moons Light.
○	Conjunction.	0. 00.	<i>Novilunium</i> , The New Moon.
SS	Semi-sextile.	1. 00.	
*	Sextile.	2. 00.	<i>Corniculata</i> , The horn'd Moon.
○	Quintile.	2. 12.	
■	Quartile.	3. 00.	<i>Semiplena</i> , Moon half full of Light.
Td	Tredicile.	3. 18.	
Δ	Trine.	4. 00.	<i>Gibbosa</i> , Moon three parts Light.
bq.	Biquintile.	4. 24.	
⊖	Opposition.	6. 00.	<i>Plenilunium</i> , The Full Moon.

Of the four TERMS.

Hillary Term begins the 23^d. day of *January*, and ends the 12th. day of *February*.

Easter Term commenceth the 25th. day of *April*, periods the 21st. of *May*.

Trinity Term will begin on the 8th. day of *June*, and endeth on the 27th. of the same month.

Michaelmas Term begins the 23^d. day of *October*, and ends the 28th. of *November*.

The Common Notes of the Year, 1683.

In both Accounts, viz.				
Julian or	12	The Golden Number	12	Gregorian or
English	12	Cycle of the Sun.	12	Forreign
	G	Dominical Letter	C	
	12	Epaſt	2	
	6	Roman Indiction	6	
	18	Number of Direction	18	
Apr 1	8	Eaſter-day	18	April
May	13	Rogation Sunday	23	May
May	27	Whit-Sunday	6	June
June	3	Trinity Sunday	13	June
Decemb.	2	Advent Sunday	28	November

The Explanation of the following Diary.

In the First Column is placed the days of the Month.
 In the Second Column is the days of the Week (G) in the *Julian* or *Engliſh* Accompt, being the Dominical Letter.

The Third Column hath the Feaſts and Holy-days, with the Suns Riſing and Setting every four or five days, the beginning and ending of the Terms of Law, &c.

The Fourth Column ſheweth the Sign and Degree the Moon is in every day at Noon.

The Fifth Column noteth the Lunar and Mutual Aspects of the Planets, and what hour of the day they happen, the Letter (A) ſtands for beforenoon, and the Letter (P) ſtands for afternoon: the Moons Apogee and Perigee, and ſome Predictions of the Weather, and other things worthy of obſervation.

The Sixth and Laſt Column ſheweth the hour and minute of the Moons Riſing and Setting, from the full Moon to the New Moon is noted her Riſing; and likewise her Setting is ſet down from the New Moon to the full: the Letter (A) ſtands for Afternoon, and the Letter (M) ſtands for Morning; which is exceeding eaſie and uſeful.

The bright and glittering Planet *Venus* is our Evening Star from the beginning of the Year, until the 23 day of *January*, from thence until the 8 day of *November* ſhe is our Morning Star; at which time ſhe being in Conjunction with the *Sun*, becomes our Evening Star again.

January hath XXXI days.

Full Moon the 3 day, 30 min. past 2 in the Morning.

Last Quarter the 9 day, 5 min. past 7 at Night.

New Moon the 17 day, 10 min. past 3 Afternoon.

First Quarter the 25 day, 22 min. past 6 at Night.

1	a	Circumcis.	II 29	h 19 8	Ω Retrograde	6	27	Rise	Moons Rising.
2	b	Abel.	Ω 14	□ ♂	D 7p 20.29	Ω 7	24		
3	c	Sun set 3. 57.	Ω 28	D Perig. ♂	18. 4	Full	●	Moons Setting.	
4	d	Methusala.	Ω 13	D ♀	22 33. ft.	5 A.	57		
5	e	Simeon.	Ω 28	* h ♂	Remif. of	7	23	Moons Setting.	
6	f	Epiphany.	♄ 13	Cold and temperate	8	48			
7	g	1 p. Epiph.	♄ 27	* ♀ ♂	for the time	10	7	Moons Setting.	
8	a	Sun rise 7.53.	Ω 11	□ ♀	D 9 p 16.11	W 11	24		
9	b	Marcell.	Ω 26	♂ ♂	D 4 a. variable	12 M.	47	Moons Setting.	
10	c	Paul Erem.	♄ 8	□ ♀	D 19. ♂ p. in	0	47		
11	d	Sun set 4. 11.	♄ 22	Δ ♂ ♀	cold & cloudy	2	33	Moons Setting.	
12	e	Satyrus.	♄ 5	□ ♂ ♀	Snow or cold	3	38		
13	f	Hillary.	♄ 17	* ♀	D 4. p. rain	4	39	Moons Setting.	
14	g	2 p. Epiph.	W 2	h 18 12	Ω pleasant	5	41		
15	a	Sun rise 7.44.	W 13	weather for the time	6	27		Moons Setting.	
16	b	J. Schon. N.	W 25	8 ♀ ♂	♀ D 8 p.	7	1		
17	c	Authony.	W 7	○ Eclipsed	♂ ♀ D 11 a.	New D		Moons Setting.	
18	d	Sun set 4.49.	W 18	♂ h ♀	Δ D 10 p.	5 A.	26		
19	e	Pontian.	♄ 0	Cold Rain or Snow	6	34		Moons Setting.	
20	f	Fab. Sebas.	♄ 12	♀ 18 14	Ω & some	7	41		
21	g	3 p. Epiph.	♄ 23	♂ 24 23	Ω morning	8	40	Moons Setting.	
22	a	Sun rif. 7.32.	W 5	* ♀	D 7p. Frost.	9	46		
23	b	Term begins.	W 8	♂ ♂ ♀	* ♀ D 6 a.	10	57	Moons Setting.	
24	c	Timothy.	W 10	♂ ♀	rain or Snow,	12	5		
25	d	Conv. S. Paul.	♄ 12	□ ♀	D 3 p. moist Air,	0 M.	5	Moons Setting.	
26	e	Policarp.	♄ 25	8 ♂	h ♀ expect store	1	38		
27	f	Sun set 4.35	II 9	♂ h ♀	of cold Win.	2	54	Moons Setting.	
28	g	4 p. Epiph.	II 22	♂ ♂ ♀	& a turb. Air	3	57		
29	a	Samuel.	Ω 6	about the end of the	4	57		Moons Setting.	
30	b	K. Charles M.	Ω 21	♂ h ♀	8 p. Month	5	49		
31	c	Sun rif. 7.18.	Ω 7	♂ h ♀	D. ♂ 22 5	6	29		

Moons Setting

February hath XXVIII days.

Full Moon the first day, 39 minutes past 2 afternoon.
 Last quarter the 8th day, 17 min. past 3 in the morning.
 New Moon the 16th day, at 10 before noon.
 First quarter the 24th day, at 9 before noon

M.D.	W.D.	Holy days, with Sun rise and set.	Moons Sign.	The Planets Aspects, & change of Air.	Moons rising and setting.
1	d	Bridget.	♈ 21	☾ Eclipsed, but not seen	Full ☉
2	e	Purif. Mary.	♈ 6	♂ ♀ of us. Cold	6 A. 13
3	f	Sun set 4. 48.	♈ 21	☾ sharp Perig. winds	7 37
4	g	Setuagesima.	♈ 6	♂ ♀ 3 p. moist air.	9 2
5	a	Agatha.	♈ 20	* ♀ 5 a. fair.	10 17
6	b	Dorothea.	♈ 5	♂ ♀ Warm air, the	11 34
7	c	Sun rise 7. 8.	♈ 18	☾ ☽ 7 a. time consider'd	12 50
8	d	Salome.	♈ 1	☾ ☽ 8 a. ☉ in ☾	0 M. 50
9	e	Apollon.	♈ 14	♂ ♀ 2 p. ☽ 16 7. ☽	2 29
10	f	Scholast.	♈ 27	* ♂ 4 p. ♀ 15 30 ☽	3 28
11	g	Sexagesima.	♈ 9	* ♀ 10 p. ♂ 29. 8. ☽	4 7
12	a	Term ends.	♈ 21	♀ 6. 39. ☽ 18. 2. ☽	5 5
13	b	Sun set 5. 4.	♈ 3	♀ 9 p.	5 29
14	c	Valentine.	♈ 15	♂ ♀ ☽ 0. Fair.	5 55
15	d	Caustine.	♈ 27	☾ Apogee,	6 15
16	e	Juliana.	♈ 9		New ☾
17	f	Sun rise 6. 5	♈ 21	♂ ♀ 8 p. variable	6 A. 36
18	g	Shrove Sund.	♈ 3	* ♀ 7 p. some rain	7 42
19	a	Sim. Ap.	♈ 15	♂ ♀ 0. fair & windy	8 48
20	b	Shrove Tuesd.	♈ 27	♂ ♀ 5 p. ☉ 12. 13. ☽	10 0
21	c	Ash wednesd.	♈ 9	♀ 9 a. moist air.	11 6
22	d	Sun set 5 20.	♈ 22	♂ Retrograde in ☽	12 18
23	e	Berenus.	♈ 4	* ♀ ☽ 8 winds. & rain.	0 M. 18
24	f	S. Matthias.	♈ 18	* ☽ 6 a. ♀ 15. 3. ☽	1 50
25	g	Quadrages.	♈ 1	♂ 8 a. ♀ 13. 5. 3. ☽	2 52
26	a	Vestor.	♈ 15	♀ 9. 34. ☽ direct.	3 43
27	b	Sun rise 6. 27.	♈ 29	♀ 6. 42. ♀	4 26
28	c	Ember week.	♈ 14	♂ ♀ 11 a. clear wind	5 0

Moons Rising.

Moons Setting.

March hath XXXI. days:

Full Moon the 3d. day, at 1 in the morning.

Last quarter the 9th. day, at 11 in the night.

New Moon the 18th. day, 39 min. past 3 in the morn.

First quarter the 25th. day, 36 minutes past 7 afternoon.

1	D	David b.	☾ 29	Perig. The month	5 M. 29	
2	E	Had. b.	☾ 14	begins with clear Air.	5 51	
3	F	Sun set 5. 47	☾ 29	h 14 38 ☾ 13. 24 ☾	Full ☉	
4	G	eminiscarc.	☾ 14	* F. D 10. a. ☽ 29. 9 ☾	8 A. 4	
5	I	Eusebius.	☾ 29	☽ 24 ☽ 63 ☾ 11. a.	9 27	
6	B	Frederick.	☾ 14	☽ 11. pleas. weath	10 46	
7	C	Sun rise 6. 5	☾ 27	☽ h ☽ cold rain, if not	12 4	
8	D	Cyprian.	☽ 10	* ☽ ☽ 8. p. Snow.	0 M. 4	
9	F	Prudence.	☽ 27	* ☽ ☽ 10. Variable.	1 28	
10	F	Sun set 6. o.	☽ 6	☽ ☽ 8. o. ☽ in V Equal	2 23	
11	G	Oculi.	☽ 18	day & night, 12 hours.	3 3	
12	H	Gregory.	☽ 0	☽ ☽ ☽ high winds, &	3 40	
13	B	Ernestus.	☽ 12	☽ ☽ some rain.	4 4	
14	C	Sun rise 5. 51	☽ 24	☽ ☽ 1. a. moist air.	4 36	
15	D	Longinus.	☽ 5	☽ 20. 14 ☽	4 47	
16	E	Alred. ab.	☽ 17	☽ Apo. ☽ 28. 59. ☽ R.	5 5	
17	F	Sun set 6. 14	☽ 29	☽ ☽ 8. a. Variable.	5 21	
18	G	Letare.	☽ 11	☽ h ☽ 4 p. Cloudy.	New ☾	
19	H	Joseph.	☽ 24	☽ ☽ 4 p. Winds,	8 A. 1	
20	B	Rupert.	☽ 6	h in 13. 57. ☽ 12. 34. ☽	9 7	
21	C	Sun rise 5. 37.	☽ 19	☽ ☽ a pleasant air a.	10 20	
22	D	Paulinus.	☽ 1	☽ ☽ about these days.	11 33	
23	E	Gotfridus.	☽ 14	* ☽ ☽ 8. a. ☽ in 24. 52. ☽	12 40	
24	F	Sun set 6. 30	☽ 28	☽ ☽ h dark cloudy air	0 M. 4	
25	G	Judica.	☽ 11	Lady day. with rain,	1 47	
26	H	Castulus.	☽ 25	☽ ☽ 9. a. or snow.	2 29	
27	B	Jo. Erem.	☽ 9	☽ ☽ h. ☽ & Dim ☽ about	3 5	
28	C	Sun rise 5. 22	☽ 23	8 in the evening, 27 day.	3 33	
29	D	Eustace.	☽ 8	☽ Perig. ☽ 18. 52 ☽	3 59	
30	E	Guido.	☽ 23	☽ ☽ 2 p. dry winds	4 20	
31	F	Sun set 6. 44	☽ 8	☽ ☽ ☽ at the end.	4 41	

Moons Rising.

Moons Setting.

April hath XXX days.

Full Moon the first day, at 10 before Noon.
 Last Quarter the 8 day, 15 min. past 4 Afternoon.
 New Moon the 16 day, 46 min past 6 Afternoon.
 First Quarter the 24 day, 28 min. past 2 in the Morn.
 Full Moon the 30 day, 5 min. past 7 at Night.

1	Palm Sunday.	23	♂♂D	Good Air Full	●
2	Sun rif. 5. 14	m 7	♂	Retrograde in ♈ 8 A.	39
3	Christian.	m 21	△♀D	Winds, some	44
4	Ambrose.	f 5	□♀D	8 p. show of	8
5	Sun set 6. 54	f 19	*♂D	2 p. Rain.	12
6	Good Fryday.	w 2	♀	in his great. dist. a	12
7	Celestin.	w 14	*♀D	4 a. h. 13. 45. Ω	10
8	Easter-day.	w 25	*♂D	6 p. 4 12 41 Ω	44
9	Sun rif. 4. 58.	m 8	♂	18 30 =	14
10	zecheiel.	m 20	♂	in 8 ♀ 13 59 *	37
11	Leo Pap.	* 1	*♂D	10 a. ♀ 3 57 V	56
12	Hugh b.	* 14	♂	Apog 4 p.	16
13	Sun set 7. 10.	* 26	♀	up. applies to the	33
14	Tiburtius.	v 8	♀	10. variab. (♂	47
15	Low-Sunday.	v 20	△♀D	♂♂D 5. a (0 4	6
16	Sun rif 4. 45.	♂ 2	(h again. it signifies New	●	
17	Anicetus.	♂ 15	□♂D	8. a gr Al-f 8 A.	18
18	Valerian.	♂ 28	♂	teration in the World	27
19	Elplege. BAC.	II 11	△h♀	ab. this time	41
20	Sulpitius.	II 25	♂♂	exp. a turbul.	40
21	Sun set 7 2.	♂ 8	♂D	11 p. air. viz.	37
22	Misericord.	♂ 22	△♂D	8 p. wi. ra. and	37
23	St. George.	♂ 5	*♂D	4 thun. & var.	13
24	Albertus.	♂ 19	□♂D	♂♂D 3. a.	42
25	St. Mark.	m 2	Term begins	♂	8
26	Sun rif 4 :7	m 18	♂	Perig. of Weather.	19
27	Walburge.	♂ 2	♀D	10 a. 17 8.	30
28	Vitalis.	♂ 17	♂♂D	3 a. rid Clo.	11
29	Philare.	m 1	♂♀	6 a. some W.	31
30	Sun set 7 40.	m 16	□♂D	8 a or Thun. Full	●

Moons Rising.

Moons Setting.

May hath XXXI days.

Last Quarter the 8 day, 32 min past 9 Before noon.

New Moon the 16 day, at 7 in the Morning.

First Quarter 23 day, at 8 in the Morning.

Full Moon the 30 day, 40 min. past 5 in the Morn.

1	h Phil. and Jac.	7	0	Δ ♀ D 11 p. Month	3	A.	48	Moons Rising.
2	c Sun ris.	4. 17.	7	13	♂ h 4 begins with a	10	0	
3	d Invent. Cruc.	7	27	turb. Air, with Thun.	11	0	0	
4	e Florian.	7	10	Δ ♀ D 7 a.	11	54	54	
5	f Sun set.	7. 48.	7	22	Δ ⊙ D 4 p. & Rain, &	12	34	
6	g Cantate.	7	4	♂ ♂ ♀ so may cont. for	0	M	34	
7	a John of bene.	7	16	□ h ♀ □ 4 ♀ the	0	43	43	
8	b Appar. S. M.	7	28	most part of the 1st. w.	6	3	3	
9	c Job.	7	10	Δ h ♀ Δ 4 ♀ pleasant	1	26	26	
10	d Sun ris.	4. 6.	7	22	D Apog. Weath about	1	40	
11	e Freemond.	7	4	⊙ in II this time	1	54	54	Moons Setting.
12	f Gordian.	7	16	♂ ♀ D 4 p moist Air	2	11	11	
13	g Rogat.	7	28	h 15 1 ♀. direct.	2	30	30	
14	a Sun set	8. 0.	7	11	□ h 4 D 9 p. 4 15. 50.	2	51	
15	b Sophia.	7	24	♂ 11 44 ⊕ direct	3	17	17	
16	c Peregrim.	7	7	♂ ♀ D 2 a. ♀ 22. 45. V	New	D	0	
17	d Holy Thursd.	7	21	* 4 D 4 a. ♀ 4 57. II	A	37	37	
18	e Sun ris.	3. 56	7	18	⊙ ♀ Win. & Thun.	10	35	
19	f Sarah.	7	18	□ ♂ D 7 a. with some	11	25	25	
20	g Exaudi.	7	2	Δ ♂ ♀. (♂ h 4 D.	12	3	3	
21	a Term Ends.	7	16	Decum ♀. ⊙ 10 2 II	M.	3	3	Moons Setting.
22	b Helena.	7	0	* h ♀ & 4 ♀ storm	15	15	15	
23	c Sun set	8. 10.	7	14	Δ ♂ ♂ Thund. with a	1	32	
24	d Esther.	7	28	D Perig. sultry Air	1	51	51	
25	e Urban.	7	13	♂ ♂ D 2 p. Red Clou.	1	12	12	
26	f Edward.	7	27	Δ ♀ D 6 a.	1	34	34	
27	g Whit Sund.	7	11	* ⊙ h dark & Clou.	1	58	58	
28	a Sun ris.	7. 45.	7	25	h 16 8 ♀. 4 17. 48 ♀	2	27	
29	b K. Ch. II. Na.	7	8	* ⊙ 4 a clear Air	3	0	0	
30	c Ember Week	7	22	Δ 4 D 5 a. with heat	Full	0	0	
31	d Sun set	8. 17.	7	5	♂ ♀ D 10 a. at the end	9	A. 42	

June hath XXX. days.

Last quarter the 7th. day, 34 min. past 2 morn.
 New Moon the 14th day, 40 min. past 5 aftern.
 First quarter the 21st. day, 31 min. past 10 morn.
 Full Moon the 28th. day, 12 min. past 5 aftern.

1	2	Sun rise 3.42.	☾	18	h 16. 28 Ω	10 A. 33	Moons Rising.
2	8	Corp. Christi.	☾	0	☾ 18. 36 Ω	11 2	
3	☾	Trinity-Sun.	☾	12	☾ 1 p. ♂ 14. 47 ☾	11 29	
4	8	Quirin.	☾	24	☾ 1a. Fair. ♀ 14. 25 ☾	11 52	
5	b	boniface.	☾	6	☾ Apog. some Thunder,	12 1	
6	c	Sun set 8. 19.	☾	18	☾ ☾ & ☾ h ♀ & rain.	oM. 1	
7	d	Paul Ep.	☾	0	☾ 2a. ♀ 16. 56 ☾	0 13	
8	e	Term begins.	☾	12	☾ ☾ pleas. weather,	0 21	
9	f	Barnim.	☾	24	* ☾ with some	0 33	
10	☾	past Trinity	☾	6	☾ h 20. p. showers.	0 47	
11	g	S. Barnabas.	☾	19	☾ in ☾ ☾ 6. p.	1 11	Moons Setting.
12	h	Sun rise 3.41.	☾	2	* h ♂ thunder & hail.	1 42	
13	c	Cyrillus.	☾	15	△ ♂ 3 p. red clouds.	2 23	
14	d	Valerius.	☾	29	☾ 1742 Ω. rain	New ☾	
15	e	Vitus.	☾	13	☾ 7 p. ♀ 20. 52 Ω	9 A. 15	
16	f	Sun set 8. 19.	☾	28	☾ 3 p. Variable.	9 55	
17	☾	past Trinit.	☾	12	☾ ☾ ☾ 10 p. cloudy	10 29	
18	g	Jonas.	☾	27	☾ ☾ 3a. fair.	10 56	
19	h	Gervase.	☾	11	* ☾ 7 a. ♂ 19. 50 ☾	11 20	
20	c	Regina.	☾	25	△ ☾ 14 p. ☾. 8. 36 ☾	11 39	
21	d	Walburg.	☾	5	☾ Perig. stormy air.	11 58	Full ☾
22	e	Acharius.	☾	23	* ☾ 9 a. ♂ ☾ 7 a.	12 20	
23	f	Sun rise 3.43.	☾	7	☾ 0. Variable.	oM. 20	
24	☾	past Trinit.	☾	21	S. John Baptif.	0 30	
25	g	Elogius.	☾	4	* ☾ rain.	0 56	
26	h	Jeremias.	☾	17	☾ 10 p. fair.	1 37	
27	c	Term Ends.	☾	6	* ☾ heat & thund.	2 24	
28	d	Juniet 8. 12	☾	15	☾ 19. 14. Ω about	Full ☾	
29	e	S. Pet & Paul.	☾	26	☾ 8a. this time.	8 A. 55	
30	f	Coro S. Paul.	☾	8	☾ h 23. 43 Ω	9 24	

July hath XXXI. days.

Last quarrer the 6th. day, four min. past 7 aftern.

New Moon the 14th. day, 15 min. past 2 morn.

First quarter the 20th. day, 40 min. past 5 aftern.

Full Moon the 28th. day, 3 min. past 7 morn.

		Moons Rising.				Moons Setting.	
1	4 past Trinit.	20	8 24 6 p. Fine and	9	A. 49		
2	a Visit. b. Mary.	3	pleasant weather.	10	7		
3	b Cornelius.	14	Apog. □ ♀ 7 p.	10	25		
4	c Ulricus.	26	Some hasty showers.	10	41		
5	d Sun rise 3.55.	8	* 24 ♀ 4 d. of rain.	10	56		
6	e Hector.	20	△ 24 0. A cloudy	11	14		
7	f Demetrius.	28	8 2 a. air	11	31		
8	5 past Trinit.	14	□ ♀ 8 a. Pleasant	11	54		
9	a Cyrillus.	27	* 24. weather for	12	22		
10	b 7 Brethren.	10	♂ ♀ 22 p. the hay-	0M.	22		
11	c Pius.	24	△ 8 9 p. maker.	0	59		
12	d Sun set 7. 57.	7	About these days some	1	58		
13	e Margaret.	22	△ ♂ ♀. □ ♂. in	3	7		
14	f Bonavent.	6	♂ ♀ 5 p. (thunder	New	D		
15	6 past Trinit.	21	♂ 24 10 a. ♂ 24 8 p.	8	A. 53		
16	a Sun rise 4. 10.	6	* ♂ 5 a. Fair	9	18		
17	b Alexius.	21	D Perig. h 21. 23 S.	9	40		
18	c Maternus.	6	□ ♀ 0. 24 27. 25 S.	10	0		
19	d Dog. days beg	20	♂ ♂ ♀. A turbulent	10	20		
20	e Sun set 7. 43.	4	♂ ♂ 0. air, with	10	45		
21	f Daniel.	18	□ ♂ 5. thunder and	11	7		
22	7 past Trinit.	1	Mary Magd. hail	11	40		
23	a Apollin. B.	14	△ ♂ 4 a. ♂ 6 1. 1	12	18		
24	b Christina.	27	△ 24 3 a. Indifferent	0M.	18		
25	c St. James. Ap.	10	* ♂ 7 a. good weath	1	12		
26	d Sun rise 4. 23	22	♂ ♀ 19 p. to the end	2	13		
27	e Martho.	5	D 8. □ ♂ 5 p. of the	3	20		
28	f Panthal.	17	D Eclips'd, not visible.	Full	●		
29	8 past Trinit.	29	♂ 24 1 p. (month	8	10		
30	a Sun set 7. 30.	11	△ ♂ 10 a. ♂ 16. 45 S.	8	27		
31	b German.	23	D Apog. △ ♀ 10 a	8	46		

August hath XXXI days.

Last Quarter the 5 day, 31 min. past 10 Before noon.

New Moon the 12 day, 9 min past 10 Before-noon.

First Quarter the 19 day, about 1 in the Morning.

Full Moon the 25 day, 31 min. past 10 in the Night.

		Moons Rising.		Moons Setting.		D's Rising.	
1	C Lammis.	V	4	Δ ♀ D 7 a. variable	A. 0		
2	D Sun rif. 4. 36.	V	15	Δ O D 6 p. h. 3 28 Ω	9	16	
3	E Dominicus.	V	28	□ ♀ D 6 a. 4 0 50 M.	7	37	
4	F Justine.	R	10	8 δ D 4 p. δ 12 57 M.	7	55	
5	G 9 p. Trin.	8	23	□ h D 1 p. ♀ 28 7. Ω	10	23	
6	a Sun set 7 17.	II	5	♂ h O Thun. & Hail	10	52	
7	b Afra.	II	18	* h D 10 p. ♀ 5 31 Ω	11	33	
8	c Ladislus.	Ω	22	* 4 D 11 a. fair	12	22	
9	D Roman.	Ω	16	Δ ♂ D 11 a. O 25 22 Ω	0 M.	22	
10	e Laurence.	Ω	0	D Ω. ♂ D 7 p. moist fair	1	59	
11	f Sun rif 4. 52	Ω	15	♂ ♀ D 4 a. variable	3	24	
12	G 10 p. Trin.	M	0	♂ h D 3 a. Cloudy Air	New D		
13	a Hyppolit.	M	15	D Pe. O in M. ♂ 4 D 1 p.	7	A. 41	
14	b Betram.	Ω	0	good Harv. Weath. &	8	2	
15	c Assump. Ma.	Ω	15	* D D 4 a. (a clear air	8	22	
16	D Sun set 6 58.	m	0	♂ O 2 these days	8	4	
17	e Th Hartford	m	14	♂ ♂ D 12 p.	9	13	
18	f Helena.	m	28	□ ♂ ♀ Win. or Thun.	9	43	
19	G 11 p. Trin.	T	11	Δ ♀ D. 8 p.	10	21	
20	a Sun rif 5. 10.	T	21	Δ ♀ D 2 p. h 25 46 Ω	11	6	
21	b Athanas.	vp	7	Δ 4 D 7 a. fair & win.	12	0	
22	c Symphor.	vp	19	* ♂ D 11 p. for som. d.	0 M.	0	
23	D Zachary.	Ω	1	D Ω 4 5 13. M.	1	20	
24	c St. Barthol.	Ω	14	♂ ♀ D 8 p. O 10. 52 M.	2	26	
25	E Sun set 6. 40.	Ω	26	♂ 4 ♀ Thunder and	3	33	
26	G 12 p. Trin.	X	8	□ h D Rain or Hail	Full ●		
27	a Dog-days end.	X	20	D An: ♂ 27 2 M.	5 A.	56	
28	b Augustine.	V	1	♂ h ♀ fine Cold	7	1	
29	c Dec. S. J. Bap.	V	13	♀ in 2 3 Ω Show.	7	28	
30	D Sun rif 5. 30.	V	25	Δ 1 D 4 p. ♀ 14 35 M.	7	4	
31	e Paulinus.	5	7	□ ♂ 4. Δ 4 D cloudy.	3	4	

September hath XXX days.

Last Quarter the 3 day, at Midnight.

New Moon the 10 day, 55 min. past 5 at Night.

First Quarter the 17 day, 7 min past 1 Afternoon.

Full Moon the 25 day, 23 min. past 3 Afternoon.

1	f	Sun set 6.23.	♄ 19	♂ ☉ ♀	Wind & rain	8	A. 26	Moons Rising.	
2	g	13 p. Trin.	♄ 1	□ ♄	4 a. Cloudy	9	26		
3	a	Euphemus.	♄ 14	♄ in 27	29 ♄	9	35		
4	b	Theodotus.	♄ 14	□ ♀	5 a. variable	10	24		
5	c	Zachary.	♄ 10	* ♀	6 a. clear win	11	23		
6	d	Sun ris. 5.45.	♄ 24	♄ ♄	in 8 14 ♄	12	3.	Moons Setting.	
7	e	Dunstan.	♄ 8	♂ ♀	pleasant we.	0	M. 32		
8	f	Nat. B. Mary.	♄ 23	♂ ♄	7 p. 6 5 26 ♄	2	26		
9	g	14 p. Trin.	♄ 8	♂ ♀	11 14 ♄	3	54		
10	a	Sosthenes.	♄ 23	♄ Per. ♂ ♀	4 p	New	♄		
11	b	Theobald.	♄ 8	* ♂	8 a. ♂ ♀	6	A. 33	Moons Rising.	
12	c	Sun set 6. 2	♄ 23	* ♂	♀ wi. or thun.	5	55		
13	d	Amatus.	♄ 8	☉ in ♄	* ♀	1 p.	7	20	
14	e	Holy Cross.	♄ 23	□ ♀	♄ a turbul. A.	7	49		
15	f	Nichodemus	♄ 7	□ ♀	6 p. ♂ ♂	8	26		
16	g	15 p. Trin.	♄ 20	♄ 29	♄. ♄ (6 p.	9	9	Moons Setting.	
17	a	Sun ris. 6. 10.	♄ 3	♄ ♄	4 a. cloudy if	10	1		
18	b	Ferriolus.	♄ 16	♄ ♄	3 a. (not rain	11	3		
19	c	Januarius.	♄ 28	Emb. week.	♄ 8 (♄	12	7		
20	d	Faulsta Virg.	♄ 11	* ♂	6 p. ♀ 11 11	0	M. 7		
21	e	St. Matthew.	♄ 23	♄ ♀	♄. ♂ 14 29 ♄	1	24	Moons Rising.	
22	f	Sun set 5.40.	♄ 4	♄ ♄	2 a. Cloudy	2	40		
23	g	16 p. Trin.	♄ 16	♄ ♀	2 a. fair	3	45		
24	a	Rupert.	♄ 28	♄ Apog. ☉	11 13 ♄	4	51		
25	b	Cleophas.	♄ 10	* ♄	♀ wind and rain	Full	♄		
26	c	Cyprian.	♄ 12	♄ ♂	3 a.	5	A. 55	Moons Setting.	
27	d	Sun ris. 6.40.	♄ 4	♄ ♀	8. variable	6	14		
28	e	Wenceslaus.	♄ 16	♄ ♀	4 a. ♀ 4 56 ♄	6	36		
29	f	St. Michael.	♄ 29	□ ♄	3 p. moist air	7	3		
30	g	17 p. Trin.	♄ 11	♄ ♀	4 a. at the end	7	45		

October hath XXXI days.

Last quarter the 3d. day, 8 min. past 12 at noon.

New Moon the 10th. day, 55 min. past 2 morn.

First quarter the 17th. day, 17 min. past 5 morn.

Full Moon the 25th. day, 52 min. past 8 morn.

1	a	Remigius.	II 21	☿	5 a.	Moist air at	8 A 31	Moons Rising.
2	b	Leodegar.	☿ 7	* 4	11 p.	the begin.	9 25	
3	c	Sun set 5. 18.	☿ 20	☾	0. h. 0.	47 M	10 32	
4	d	Francis.	☾ 4	☾	0. 4	13. 54 M	11 44	Moons Setting.
5	e	Constance.	☾ 18	* 4	9.	high winds,	13 M. 1	
6	f	Faith.	☾ 2	☾	1 a.	with some	1 36	
7	g	18 p. Trinity.	☾ 17	☾	6 a.	rain.	2 59	Moons Rising.
8	a	Sun rise 6. 52.	☾ 2	☾	2 a.	☿ 26. 45 ♀	4 24	
9	b	Nicaius.	☾ 17	☾	2 p.	moist air.	5 49	
10	c	Gedeon.	☾ 2	☾	Per g. 9	19. 59 ☾	New ☾	Moons Setting.
11	d	Sun set 5. 2.	☾ 17	☾	7 p.	Variable.	5 A. 54	
12	e	Walfride.	☾ 1	☾	0.	Cloudy, if not	6 39	
13	f	Telemach.	☾ 15	☾	11. 12.	☾ 12. rain.	7 12	Moons Rising.
14	g	19 p. Trinity.	☾ 29	* 3	h & ☿	☿ 4p.	8 0	
15	a	Sun rise 7. 6.	☾ 12	☾	h ☿. ☾ 4	6p. a	8 59	
16	b	Gallus.	☾ 25	☾	4p	turbulent air	10 6	Moons Setting.
17	c	Florence.	☾ 8	☾	15	about these days.	11 13	
18	d	St Luke.	☾ 19	☾	in the 19. 15	☾ direct.	12 23	
19	e	Ptolomy.	☾ 1	* 6	☿. ☾ h	1p. some	0 M. 23	Moons Rising.
20	f	Sun set 4. 44.	☾ 13	☾	8. 4	p. rain. Fair.	1 42	
21	g	20 p. Trinity.	☾ 25	☾	4	☿ high winds &	2 53	
22	a	Cordula.	☾ 7	☾	Apog.	rain about this	4 1	Moons Setting.
23	b	Term begins.	☾ 19	☾	2. 29.	☾ [time.	5 8	
24	c	Solome.	☾ 1	☾	h	3 p. Cloudy.	6 17	
25	d	Crispin.	☾ 13	☾	4	8 p. Fair.	Full ☾	Moons Rising.
26	e	Sun rise 7. 27.	☾ 25	* 3	☿. Some rain and	5 A. 16		
27	f	Victoria.	☾ 8	☾	6 a. wind	☾ Retro.	5 49	
28	g	S Sim. & Jude	II 20	☾	6 a.	Clear air	6 32	Moons Setting.
29	a	Narcisus.	☾ 4	* 6	☿ 9 a	about the end	7 25	
30	b	Abfolon.	☾ 17	☾	* 4	2 p. of the	8 26	
31	c	Sun set 4. 24	☾ 0	* 0	4.	month.	9 28	

November hath XXX. days.

Last quarter the 1st. day, at 9 at night.

New Moon the 8th. day, 26 min. past 1 aftern.

First quarter the 15th. day, at 12 past noon, or midnight.

Full Moon the 24th. day, 42 min. past 1 morn.

		Moons Rising.		Moons Setting.	
1	<i>All Saints.</i>	♂ 14	* ♀. Pleasant air. 10 A. 52		
2	<i>All Souls.</i>	♂ 28	☐ ♀ ♂ ♀ 9 p. cold & 12 11		
3	<i>Theophil.</i>	♂ 12	♂ ♀ 11 p. sharp winds 0 M. 12		
4	22 p. Trinity.	♂ 26	☾ Perig. these days. 2 4		
5	<i>Powder-Plot.</i>	♂ 11	☐ ♂ 10 p. h 3 14 3 20		
6	<i>Sun set 4. 14</i>	♂ 26	About new Moon expect 4 50		
7	<i>Wilibald.</i>	♂ 10	△ ♀. [winds, & cold 6 11		
8	<i>Claudius.</i>	♂ 25	♂ ☉ & ♀. [rain or sn. New ☾		
9	<i>Theodore.</i>	♀ 9	☐ ♀ 1 a. cloudy. 5 A. 4		
10	<i>Sun rise 7. 52</i>	♀ 23	☐ ♀ 3 a. sharp and 5 53		
11	23 p. Trinity	♀ 7	* ♂ ♀ high winds. 6 50		
12	<i>Cunibert.</i>	♀ 20	☐ ☉ ♂ ♂ 3 p. ☉ in ♀ 7 52		
13	<i>Sun set 4. 3</i>	♀ 3	☐ ♀ Rain. 9 3		
14	<i>Brice.</i>	♀ 16	* ♀. high winds with 10 6		
15	<i>Sun rise 8. 0</i>	♀ 28	☐ ☉. cold rain or 11 13		
16	<i>Edmond.</i>	♂ 10	♂ ♀ 1 a. snow about 12 18		
17	<i>Gelasius.</i>	♂ 21	♂ ♀ 10 a. this time. 0 M. 18		
18	24 p. Trinity	♀ 3	☾ Apog. ♀ 20. 36 1 44		
19	<i>Elizaheth.</i>	♀ 15	♂ 28. 31 2 49		
20	<i>Amos.</i>	♀ 27	☐ ♂ 4 p. ♀ 11. 32 3 57		
21	<i>Sun set 3. 52</i>	♂ 9	△ ♀ 10 a. ♀ 20. 4 5 5		
22	<i>Cicily Virg.</i>	♂ 22	♂ ♀ 9 a. more high 6 15		
23	<i>Clement.</i>	♂ 4	* ♀. winds these 7 26		
24	<i>Sun rise 8. 11</i>	♂ 17	♂ ♀ 10 a. days, & a Full ☉		
25	25 p. Trinity.	♂ 0	* ♀ 6 p. cloudy air. 5 A. 10		
26	<i>Conradus.</i>	♂ 14	* ♀ 14 p. ☉ 14. 35 6 11		
27	<i>Guntherus.</i>	♂ 27	☾. pleasant weather, 7 22		
28	<i>Term ends.</i>	♂ 11	☐ ♀. the time of 8 36		
29	<i>Sun set 3. 46</i>	♂ 25	△ ♀ 8 a. the year 9 54		
30	<i>St. Andrew.</i>	♂ 9	♂ ♀ 5 a. considered. 11 13		

December hath XXXI days.

Last Quarter the 1 day, 40 min. past 5 in the Morn.

New Moon the 8 day, 16 min. past 2 in the Morn

First Quarter the 15 day, 21 min. past 9 in the Night.

Full Moon the 23 day, 2 min. past 5 at Night.

Last Quarter the 30 day, 34 min. past 1 Afternoon.

1	f	Sun set 3.43.	☾ 23	♂ ♀ ☽ 10a. fair and	12	32	☾ Rising.
2	☿	Advent Sun.	☿ 7	☽ Per. warm at the	M.	32	
3	a	Cathian.	☿ 21	☿ ♀ ☽ beginning	2	19	
4	b	Barbara.	☿ 4	☿ ♀ cold winds &	3	42	
5	c	Sabina.	☿ 19	* ☽ 4 p. Rain	5	5	
6	d	Nicholaus.	♂ 4	☿ ♀ ☽ 5p	6	25	
7	e	Sun rif. 8. 18.	♂ 18	☿ ☽ 7p. ☿ 4.3 ☾ r	7	33	
8	f	Concep. Ml.	☿ 2	☿ ♀ ☽ 4 p. New	☽		
9	☿	2 Advent.	☿ 15	☽ 21 ☾ Ra. or Sno.	5 A.	20	
10	a	Miltiades.	☿ 28	☽ 8 ☽ 14 47 ☾	6	24	
11	b	Damascus.	☿ 11	☽ 14 ☽ 8 p.	7	34	
12	c	Sun rif. 8. 19.	☿ 23	♀ 13 ☿ cold	8	42	
13	d	Lucia V. M.	☿ 6	* ☽ ♀ sharp winds	9	49	
14	e	Nicassius.	☿ 18	☽ ☽ 10p. with Sn	10	59	
15	f	Abraham.	☿ 29	☽ ☽ or cold Rain	12	3	
16	☿	3 Advent.	☿ 11	☽ Apog. these days	M.	3	
17	a	Lazarus.	☿ 2	☿ ♀ high winds	1	30	
18	b	Christopher.	☿ 5	☿ ☽ 9 a. ♀ 24 36	2	39	
19	c	Ember-week.	☿ 17	☿ ☽ 10p. frost. (☿	3	46	
20	d	Sun set 3.43.	☿ 0	☿ ☽ 7 p. ☽ 9 5 ☿	4	54	
21	e	St. Thomas.	☿ 13	☿ ☽ at to Retrograd.	6	0	
22	f	Theodos.	☿ 26	☿ ☽ 8a. ☿ Retrog.	7	1	
23	☿	4 Advent.	☿ 9	☿ ♀ fair & warm	Full		
24	a	Adam & Eve.	☿ 23	☿ ♀ presently aft.	4 A.	55	
25	b	Christ Nat.	☿ 7	☿ ☽ winds & Sn-like.	6	20	
26	c	St. Stephen.	☿ 21	☿ ☽ 11 P. Remem.	7	28	
27	d	St. John.	☿ 6	☿ ☽ 8a. the ti. and	8	47	
28	e	St. Innocents.	☿ 19	☿ ☽ 6p. gi. free. to	10	3	
29	f	Sun rif. 8. 11.	☿ 4	☿ ☽ 5a. the poor,	11	26	
30	☿	David.	☿ 18	☽ Per. God wil pay	12	46	
31	a	Sylvester.	☿ 2	☿ ☽ 10 a. thee.	0 M.	46	

Moons Setting.

Moons Rising.

Fowle. 1683.

A N

APPENDIX

To the precedent

ALMANACK

For this present Year of Mans Redemption, 1683.

Wherein is contained

- I. A brief Computation of divers memorable Accidents or Times.
- II. A Table shewing the time of the Moons coming to the South every day this present Year.
- III. A Tide Table, wherein is shewed what Moon makes a full Sea, and what Hour and Minute in most places in and about *England*, and its use.
- IV. What the Eclipses of the Sun and Moon are, and when they happen.
- V. Of the Eclipses incident this present Year, with a Scheme or Figure of the Heavens for the middle time of an Eclipse of the Sun, and some Astrological Judgments thereon.
- VI. A brief description of the four Quarters of the Year, wherein the Radix of the Suns ingress into *Aries* is truly stated by Astronomical Calculation deduced from the *Rudolphine* Tables of *John Kepler*; whereunto is added some probable Conjectures touching the state of this Years Revolution.

By THOMAS FOWLE.

If a man desire great experience, she can tell the things that are past, and discern things to come; she knoweth the subtilties of words, and the solutions of dark sentences: She foreseeth the signs and wonders, or ever they come to pass, and the success of seasons and times, Wisdom 8. 8.

London: Printed for the Company of Stationers. 1683.

A Computation of memorable times.

Since	E ngland first received the Christian Faith	1506
	Scotland first received the Christian Faith	1480
	William of Normandy conquered England	617
	The building of <i>Westminster-hall</i>	584
	The building of <i>S. Pauls Church, London</i>	597
	<i>London-bridg</i> built with Stone	494
	The first Mayor of <i>London</i>	493
	The Bible was first divided into Chapters	468
	Tiling first used in <i>England</i> and in <i>London</i>	436
	The first use of Guns	303
	Printing first used in <i>England</i>	243
	Register Books in every Parish	215
	The first use of Coaches	218
	<i>S. Paul's Steeple</i> burnt down by Lightning	121
	The building the <i>Royal Exchange</i> the first time	118
	The Camp at <i>Tilbury</i> in <i>Essex</i>	95
	The Hellish attempt of the Powder-Plot, <i>Nov. 5.</i>	78
	King <i>Charles I.</i> was born, <i>Novemb. 19.</i>	83
	The Long Parliament began, <i>Novemb. 3.</i>	43
	The Earl of <i>Strafford</i> beheaded	42
	The great Fight at <i>Edg-hill</i>	41
	<i>Brainford</i> Fight	40
	<i>Newberry</i> first Fight, <i>September 22.</i>	39
	<i>Newberry</i> second Fight	38
	The Fatal Battel at <i>Naseby. June 14.</i>	38
	King <i>Charles I.</i> murdered	35
	A Free Parliament Convened at <i>westmin. Apr 15.</i>	23
	His Majesties most happy Restauration	23
	The appearance of 3 Comets or Blazing-Stars	19
	The last great Plague in <i>London</i>	18
	The dismal Fire in <i>London</i>	17
	The Duke of <i>Albemarle</i> died	13
	Peace concluded with the Dutch	9
	The last great Comet seen in <i>Decemb. and Jan.</i>	3

Astrological Observations. 1683.

To find the time of the Moons coming to the South.

IN the following Table you have the hour and minute of the Moons coming to the South, ready set down against the day of the month, for every day in the Year; therefore find your month desired on the top of the Table, and your day on the first row on the left hand under the Title Days, and in the Angle of meeting you have the time of her Southing desired: As upon the first day of *January* you shall find by the Table that the Moon will come to the South at 44 minutes past 10 a Clock in the Afternoon: that is, in the night, the 2. day at 45 min. past 11 a Clock in the night: And likewise on the 10. day of *January* you will find by the Table that the Moon will be South at 59 m. past 5 a Clock in the Morning: for the letter (*M*) stands for Morning, and the letter (*A*) stands for Afternoon: but where you find no letter, then it is always the same with the letter next preceding. It is so easie, that to explain it further is needless.

To find the hour of the Night by the Shadow of the Moon on a Sun-Dial.

First, find her coming to the South, by the Table as before is taught; then repair to a Sun-Dial, and note the hour as you do by the Sun, and see what the Shadow wants, or is past the Twelve a Clock Line, for so much it wants, or is past the time of her coming to the South. *Example.* Upon the 38th. day of *January* this present Year, I find by the Table that the Moon will be South at 16 min. past 8 a Clock in the Evening; and suppose the same night I look on a Sun-Dial, and find the Shadow of the Moon to fall exactly on the hour of 11. that is one hour short of the 12 a Clock Line: therefore from 8 hours and 16 min. I take 1 hour, and there remains 7 hours and 16 minutes, the true hour of the night. But suppose again the same night the Shadow had fallen upon the line of one, then to 8 hours and 16 min. (the time of the Moons Southing) I add one hour, and the Aggregate is 9 hours 16 min. the time of the night. And so of any hour accordingly.

A Table shewing the hour and minute of the Moons coming to the South the first six months of this Year 1683.

Days	Januar.		Febru.		March.		April.		May.		June.	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
1	10	44	12	A 17	11	A 2	12	28	0	M 7	1	M 40
2	10	45	0	M 17	11	57	0	M 28	1	11	2	31
3	12	52	1	20	12	51	1	23	2	6	3	19
4	0	M 52	2	14	0	M 51	2	24	3	1	4	2
5	1	50	2	59	1	50	3	18	3	53	4	48
6	2	43	3	54	2	40	4	13	4	41	5	28
7	3	38	4	47	3	39	5	6	5	27	6	8
8	4	21	5	40	4	30	5	58	6	11	6	48
9	5	15	6	29	5	24	6	46	6	46	7	31
10	5	59	7	22	6	15	7	30	7	33	8	16
11	6	52	8	11	7	4	8	18	8	16	9	4
12	7	44	9	4	7	55	8	55	8	57	9	56
13	8	32	9	54	8	40	9	39	9	42	10	49
14	9	37	10	31	9	25	10	18	10	18	11	49
15	10	29	11	20	10	7	11	1	11	16	0	A 45
16	11	8	0	A 3	10	52	11	46	0	A 11	1	43
17	11	56	0	46	11	32	0	A 33	1	6	2	43
18	0	A 38	1	27	0	A 13	1	22	2	5	3	36
19	1	21	2	9	0	58	2	16	3	2	4	28
20	2	5	2	51	1	41	3	10	3	58	5	17
21	2	42	3	37	2	31	4	8	4	53	6	7
22	3	23	4	25	3	22	5	5	5	43	6	56
23	4	8	5	14	4	15	6	1	6	30	7	46
24	4	52	6	11	5	9	6	56	7	16	8	40
25	5	34	7	8	6	6	7	49	8	10	9	31
26	6	24	8	6	7	3	8	39	9	4	10	25
27	7	22	9	6	8	1	9	31	9	55	11	17
28	8	16	10	5	8	56	10	21	10	49	12	16
29	9	15		9	51	11	14	11	44	0	M 16	
30	10	18		10	43	12	7	12	39	1	6	
31	11	23		11	31			0	M 39			

A Table shewing the hour and minute of the Moons coming to the South the last six months of this Year 1683.

Day	July.		August		Septem		October.		Nov. m.		Decem.	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
1	7	M 49	2	M 34	3	M 31	4	M 11	5	M 50	6	M 19
2	2	33	3	15	4	22	5	7	6	43	6	59
3	3	17	3	57	5	15	6	3	7	34	7	50
4	3	58	4	41	6	8	6	51	8	23	8	41
5	4	39	5	30	7	5	7	50	9	13	9	33
6	5	19	6	20	8	2	8	46	10	5	10	30
7	6	17	7	17	9	0	9	40	11	1	11	28
8	6	49	8	12	9	56	10	33	11	58	0	A 26
9	7	40	9	9	10	51	11	26	0	A 55	1	22
10	8	30	10	10	11	47	0	A 21	1	54	2	15
11	9	26	11	8	0	A 40	1	16	2	49	3	6
12	10	24	0	A 6	1	33	2	16	3	35	3	49
13	11	25	1	0	2	29	3	15	4	24	4	29
14	0	A 23	1	55	3	25	4	10	5	22	5	12
15	1	23	2	46	4	21	5	5	6	8	5	52
16	2	20	3	38	5	17	5	58	6	48	6	32
17	3	16	4	31	6	11	6	47	7	31	7	15
18	4	8	5	26	7	4	7	32	8	12	7	58
19	4	2	6	2	7	54	8	16	8	53	8	42
20	5	54	7	14	8	42	8	54	9	33	9	31
21	6	42	8	7	9	29	9	38	10	18	10	24
22	7	33	8	57	10	13	10	20	11	4	11	17
23	8	26	9	50	10	54	11	1	11	54	12	13
24	9	19	10	36	11	35	11	45	12	45	0	M 13
25	10	12	11	21	12	17	12	30	0	M 45	1	22
26	10	6	12	5	0	M 17	0	M 30	1	49	2	20
27	11	56	0	M 5	0	55	1	20	2	44	3	1
28	12	45	0	40	1	41	2	13	3	39	3	52
29	0	M 32	1	28	2	29	3	6	4	31	4	42
30	1	12	2	4	3	19	4	1	5	21	5	31
31	1	53	2	48			4	56			6	20

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A Tide Table, wherein is shewed what Moon makes a full Sea, and what hour and minute in any of these places hereunder written.

	Moon	H.	M.
<i>Quinborough, Southamp Portsmouth, S. Wil.</i>	<i>So. and Nor.</i>	0	0
<i>Recheſter, Maldon, Aberten, Redban,</i>	<i>Sout. by We.</i>	0	45
<i>Graveſend, Romney Ten, Ramk, Downas,</i>	<i>Sou. Sou. We.</i>	1	36
<i>London, Tinn, Harle-Poole, Amſterd.</i>	<i>Souib Weſt.</i>	3	0
<i>Barm. Oſend, Scarbor. Fluſhing Font,</i>	<i>S. W. by W.</i>	3	45
<i>Friſh, Leith, Dunbar, Narb Silly, Monſh.</i>	<i>Weſt by Sou.</i>	4	30
<i>Falmouth, Foy, Humber, Newcaſt, Torbay,</i>	<i>Wiſt by Sou</i>	5	15
<i>Lin, Antwerp, Plymouth, Hull,</i>	<i>Ea. and We</i>	6	0
<i>Briſtol, Lamon, Fowleneſs,</i>	<i>East by Sout.</i>	6	45
<i>Milford, Bridgwat. Northcoast, Exmaſter,</i>	<i>Ea. Sout. Ea.</i>	7	30
<i>Portland. Peterport, Hareſlem, Hague,</i>	<i>So. Ea. by E.</i>	8	15
<i>Orckney Pool, S. Hell. Orwel, Flee. Edd,</i>	<i>Souib Eaſt</i>	9	0
<i>Orford Needles, Deep, Lux Lenow, Caſk</i>	<i>Sp. Ea by So.</i>	9	45
<i>Dover, Tarmouth, Harw Dublin, Bullſin,</i>	<i>Sou Sou. Eaſt</i>	10	30
<i>Galice, Rye, Wincheſſey. Calſh. t.</i>	<i>Sou. by Eaſt</i>	11	15

The use of this Table by Example.

THE 20. day of *January* I desire to know at what time it will be full Sea at *London*; first I get the time of the Moons coming to the *South* by the preceeding Table, which I find to be at 2 a Clock and 5 min. Afternoon; then in this Table I seek for *London*, and right against it I find *Souib West*, which sheweth that a *Southwest*, and a *North East* Moon makes a full Sea there; also in the third Row I find 3 hours, which being added to 2 hours and 5 m. (the time of the Moon coming to the *South* that day) the sum will be 5 hours and 5 m. for the time of full Sea at *London* the said 20. of *January*, the like is to be observed for any other place mentioned in the Table.

But you are to note that the Tides do not always fall out exactly

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exactly at the time found in this Table by reason of the difference of the Moons Latitude, boisterous Winds, Land-floods, &c. which may cause them to err at sometimes from the time that here is found, but this is the exactest Rule, that can generally be given for the finding of them.

Note also, that at *Quinborough, Southampton, Portsmouth and Welling*, that a South and North-Moon makes a full Sea there at those places, therefore find the Moons coming to the South by the Table as before is taught, and the same sheweth the time of the full Sea there; but for any other place you must add the hours and minutes, standing against the same in the Tide-table, to the hours and minutes of the Moons coming to the South, and the aggregate sheweth the time of High-water in any other place noted in the said Tide-table: 'tis very easie.

How to find the just hour and minute of the Moons coming to the South.

In the foregoing Table I have set down the Moons Southing every day this year, which you may know the time thereof in hours and minutes, as before I have taught, without consideration of her Latitude, which is very near the truth, and may serve to discover the falsity of the most general Rules and Tables yearly extant for that purpose. Nevertheless in the calculation of the said Table the Moons Latitude being not considered (which in a thing of this nature can cause no sensible error,) some snarling Criticks may calumniate and accuse me of error; and to avoid their Aspersions, I shall here teach how to correct the foregoing Table, and to find the time of her Southing, in as exact a manner as may be. Therefore,

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Calculate the true places of the Sun and Moon, and Latitude of the Moon, either by some Tables or an Ephemerides for the time of her Culmination set down in the said foregoing Table, then seek their Right Ascension, as is taught in Mr. *Gadburys* Doctrine of Nativities, which had, subtract the Suns Right Ascension from the Moons Right Ascension, and the Remainder, is the precise moment of the Moons Southing, as example will make it plain.

Example upon the 10 day of *January*, I find by the said foregoing Table that the Moon will be South at 1 hour and 5 min. Afternoon, at which time the place of the Sun is in the 11 deg. and 1 min. of *Aquarie*, and the place of the Moon in the 13 deg. and 13 min. of *Pisces*; with Latitude 2 deg. and 34 min. South; and therefore the Suns Right Ascension is 313 deg. and 29 min, and the Moons Right Ascension 345 deg. and 32 min. and therefore I subtract the Suns Right Ascension 313 deg. 29 min. out of the Moons Right Ascension 345 deg. 32 min. and there remains 32 deg. 3 min. which converted into time giveth 2 hours 8 min, and 12 Seconds, for the exact time of the Moons coming into the South (that day) with Latitude.

But note, when the Moons Right Ascension is less then the Suns Right Ascension, (that subtraction cannot be made) you must then add 360 degrees to the Moons Right Ascension, and thus much shall suffice to be spoken thereof.

To find the time of the Moons Rising and Setting.

Look into the last Column of the Diary or Almanack, and there (against the day of the month) you shall find

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find it by inspection only, the time of her Rising, from full moon to new moon, and the time of her setting, from new moon to full moon and it is only exact, but likewise exceeding easie, that Example is needless.

Of Eclipses,

Although this word Eclips may be generally taken for the hiding, or darkning of any star from our sight, yet here is chiefly to be referred, to the Eclips of the Sun or Moon, which is a depriving of their light from the sight of us that dwell here upon the earth: And indeed of all the heavenly Phenomenaes or Appearances, the most notable and evident is that which we call the Eclipse of the two Luminaries,, (*viz.* the Sun and Moon) that of the Sun being nothing else but an aversion of the beams thereof by the interposition of the Moon, betwixt our sight and the Sun, at the new moon or change, as we usually call it.

But the Eclipse of the Moon is a privation of the light of the Sun, by the Diametrical interposition of the Earth between the Sun and the Moon, and this at the time when the Moon is at the full; plainly shewing she is a dark and opacous Body and receiveth her light from the Sun.

The Sun moveth always in or under the Ecliptick line, but the Moon doth deviate therefrom sometimes five degrees towards the North, and as far South; by which means every full Moon cannot be eclipsed, and indeed if the Moon did not deviate from the Ecliptick, there would be two Eclipses every month, one of the Sun, and another of the Moon.

Eclipses shew the magnitude and proportion of the Sun, Moon, and Earth. The Sun is greater than the Earth,

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Earth, for the shadow of the Earth being Conoidical or Pine-Apple like, that is great at one end and small at the other doth shew that, for an opacous Body which maketh a shadow in form of a Cone, or Pine-Apple like, *Seu figura meta*, that is Conoidically is less than that Luminous Body that causeth that shadow.

But at the Eclipse of the Moon, the Earth causeth such a shadow; therefore the Earth is less than the Sun: and the Sun so much the greater by how much he doth illustrate the Hemisphere of the earthly Globe.

Also considering the great distance of the Sun from the Earth, if he were not greater than the earth the shadows made at the time of the Eclipse, could not be alike in the East as in the West, but the shadows are alike: therefore, the Sun is greater than the Earth. Again,

If the Sun were not greater than the Earth in the Altitude of the Sun, when he is forty five degrees high, the shadow could not be equal to that Body in height that causeth it.

But we know that shadows before noon do decrease, and afternoon do increase in length proportionably, so the length of the shadow is always equal to the height of that Body causing it, wheresoever or whensoever the Sun is forty five degrees high; as at *Venice* or other places where the elevation of the Pole is forty five degrees, at the Equinoctial at noon the shadow is of like length to the Body that is forty five degrees or parts; for then the Sun is in the middle of that quadrant which is between the Horizon and the Vertical Point, and then those Angles are equal which the Radius causeth happening with the plane of the Horizon, and the extremity of the Gnomon, necessarily making the shadow and Gnomon equal; therefore the Sun is greater than the Earth.

The Sun is likewise bigger than the Moon, first, because the earth which the Sun doth far exceed is bigger than the Moon. Secondly, because when the Sun is eclipsed he is never rotally darkned. Thirdly, because the shadows caused by the Moon at the Suns eclipse are Conoidical,

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d'cal, *ut supra*; likewise the Earth is greater than the Moon for both Solar and Lunar eclipses, as also shadows shew that; for,

If the earthly Globe were less than the Moon, the Sun would be darkned at his eclipse to the whole Hemisphere, but the Sun cannot be darkned to all places at once, but only to some small part or portion of the Earth, and that *sine mora*, without long continuance of time; therefore the earth is bigger than the Moon.

Secondly, That Body that casteth a shadow, or causeth a Conoidical shadow is greater than that Body that is covered with that shadow, and especially is contained within the Cone of that shadow.

But the Earth doth cast and cause a Conoidical shadow which doth fill the body of the Moon, and that for some space of time; therefore the Earth is bigger than the Moon.

The further prosecution of the doctrine of this part of Astronomy concerning the proportions and distances that those Bodies of the Sun, Moon, and Earth, have to one another, &c. is not proper for this place, by reason of that small scantling of Paper that I am here confined unto, I have spoken of this much, for the satisfaction of the vulgar Admirers hereof.

Finally, The God of Nature by the eclipses of Sun, and Moon, forewarns this sinful World of the Revolutions of Kingdoms and States, the death and detriment of Princes, Governours, and great Men, of Heresies, Sects and seditions in the Church, alterations of Laws and Customs, of Drought and Inundations of Rivers, Wars, Famine, Plague and Pestilence: in fine, the Vicissitude of all sublunary things. According to that Ingenuious Astrologer Mr. Henry Coley, in his *Clavis Astrologie Elimata*: and thus much shall suffice for the present touching Eclipses for the information of the Vulgar. Therefore I shall forbear at this time to treat further hereof, and shall next come to the description of the Eclipses which shall happen within the Compass of this years Revolution.

Of

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*Of the Eclipses happening this
Year. 1683.*

TH E Inhabitants of this earthly Globe shall be deprived of the Light of the two great Luminaries of Heaven, (*viz* the Sun, and Moon) three times; once the Sun, and twice the Moon, I shall describe them in order as they happen.

The first eclipse of that Glorious Body the Sun on *January* the *seventeenth*; being Wednesday, in the eighth degree of *Aquarius*; and if the air at that time be clear, we may behold the same here in *England*, it will be a great Eclipse, and worthy of Observation, of all those Industrious Sons of *Urania*;

	h. m. Se.	
The beginning of the eclipse is at 2 20. 9	}	<i>January</i> the 17 th day at Sternoon.
The greatest obscuration or middle. 3.34.9.		
The end of the eclipse is at ——— 4.35.23.		
The digits eclipsed are ——— 10 digits and 4 minutes, according to the Tables of our late <i>English</i> Astronomer Mr. <i>Vincent Wing</i> . The total duration of this eclipse is two hours and 15 min. and 14 Seconds.		

Therefore if I am too short, or wide of the truth in the description of this eclipse: I shall desire all ingenuous Artists not to blame me, but the Tables by which I wrought and calculated by.

The second eclipse will be of the Moon, on the first day of *February* about three of the Clock in the afternoon, in the 23d degree of *Leo*; but invisible to us here in *England* the Sun being then above our Horizon.

The third will be of the Moon also, on *July* the 18 day eight of the Clock before noon; it is celebrated in the 14 degrees

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degrees of *Aquarius*: This Eclipse is not to be seen of us also. And because the first Eclipse which is of the Sun will be a great Eclipse, and merit our Observation; I shall according to the Rules of Astrology make further scrutiny thereof and erect a Scheme of the Heavens for the middle time thereof; which is as followeth in the Meridian of London,



We are commanded by Astrologers to elect that Planer Lord of the Eclipse; that hath most dignities essential in the place of the Eclipse, the Horoscope, and Midheaven; and in this Eclipse *Mars* hath 9 dignities in the Ascendant and Midheaven; and *Saturn* hath 10 dignities in the place of

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Of the Eclipse, &c. therefore *Saturn* and *Mars* are joynt Rulers of this Eclipse; and both *Saturn* and *Mars* are in their detriments, and therefore we must expect the work of things signified by them, as I will here set down: According to the method of the late famous Mr. *William Lilly*, viz. When *Saturn* is Lord of an Eclipse, he is generally the cause of Corruptions by reason of Cold, more properly he declares continued Diseases in the bodies of men, as a general decay of Nature, wasting, or a Consumption which hath its original from some deflux of Rhumè; and I pray God he bring not to the common people a Consumption of the purse too: for he is posited in the second House, called by Astrologers the House of Substance; he denotes disturbance of the Radical Humors, Fluxes, Quartane Agues, Banishments, Poverty, Misery, Lamentation, vain Fears, Mortality of Old men, especially a scarcity of such Cattle as are useful for mankind, afflicting those Cattle which escape death with Diseases, &c. In the Air *Saturn* stirs up most violent Colds, with tedious Frosty weather, Cloudy and Pestilent, Misty and Foggy, much Snow, more destructive than profitable. In Rivers and the Seas he stirs up strange Tempests, sudden Shipwracks, dangerous and difficult Voyages, scarcity of Fish, and Water-fowl, overflowing of the Sea-banks, Inundations and corruption of Rivers. Upon the Earth a scarcity of Corn and Fruit, and most provisions are dear, Grass and Hay are destroyed by Floods and immoderate Rain, Hail, Storms and furious Tempests, whence Famine may be feared. Aged persons are now more afflicted and die than in former years; also much Controversie, Malice and envy between men and men; and consequently many tedious Law-suits follow. Especially amongst the most Rural sort: and these be the natural parents of *Saturn* when he is Lord of an Eclipse: but I hope it will be in part mitigated by *Jupiter* who is in conjunction with *Saturn* in the second house at the time of the said Eclipse. I pray God deliver *England* from all those evils that is before nominated, and lend us peace and plenty in all our habita-

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habitations. And seeing the Planet *Mars* hath great dignities in the Ascendant and Mid-heaven at the time of this defect as I before noted, and is also located in an Angle, viz. the fourth House in the sign *Libra*, I shall give you the signification thereof.

If the Planet *Mars* be Lord of an Eclipse, or hath great dominion therein, or of the Figure, he stirs up amongst men, Wars, Tumults, intestine Hatred, Dissentions and much Violence, Imprisonments, Banishments, sudden Death; wrath and displeasure of great men; Tertian Fevers, and divers Diseases proceeding from the corruption of Blood; many Robberies and Man-slaughters, Law-suits, Duels, burning of Houses, &c. In the Air he produces or stirs up Thunder and Lightning, and unwholesome or infectious winds, and notable droughts: In the Seas expect terrible Shipwracks, and tempestuous violent Storms: he dries up Rivers and signifieth a Dearth or scarcity of Corn. But *Mars* being in Sextile to *Jupiter*, let us therefore hope for the best. *Priellus* saith, that an Eclipse of the Sun in the airy Triplicity, it portends Famine, great Sickness, pestilent Diseases, and the like; In *Aquarius primis* 10 gradus publici maroris & *Lustus materiam prebet*: but these things will happen principally to those Countries and places, under the sign wherein the defect happens, and also to such places as are under the opposite sign; and those signs are *Aquarius* and *Leo*. Under *Aquarius* is *Amazonia*, *Sarmatia*, *Tartaria* the great, *Valachia*, *Moscovia*, *Swedeland*, South-part, *Westphalia*, *Moselle*, *Piemont*, *Bavaria* part, *Ethiopia*, *Oxiana*, *Sogdiana*, *Media*, *Arabia* the Desert: of Cities, *Hamburgh*, *Breme*, *Mounse-rat*, *Pisarum*, *Trent*, *Salizburgh*, *Ingolstare*. Under *Leo* are *Gallia Togata*, the *Alps*, *Italy*, *Sicily*, *Apulia*, *Bohe-mia*, part of *Turky*, *Phenecia*, *Chaldea*, *Orchinia*: Of Cities, *Damasco*, *Syracusa*, *Rome*, *Ravenna*, *Cremona*, *Con-fluence*, *Prague*, *Lintz*, *Crinisum*, &c. All those said places will taste more or less of the effect of this Eclipse, And we in *England* must expect to have a share hereof, because

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because it is visible in our Horizon, the great God of Heaven and Earth hath given us warning many times to amend our lives: How many signs from Heaven hath the Lord shewed unto us of late, and especially the great dreadful Comet, seen all over the European world, with a very long streaming Tail, in form and fashion of a Rod, to scourge us for our sins; but we like stiff-necked people nothing regard Gods handy works: If we would but observe the hand of God, we may see, that in all Ages he forewarns us by his Instruments; and though his Judgments have a long time been in this Land, and great Calamities seem still to impend and hang over us, yet none truly amends, nor condoles our unhappy difference, but still covet for those things that perish. I could enlarge very much upon this, but my room grows too narrow for me, having other things to treat of.

Of the four Parts or Quarters of this present Year, 1683.

There is (I confess) some difficulty to observe the just moment of the Suns ingress into the first point of *Aries*, in respect of the tardity of the Annual motion of the Earth, which is visibly apparent to our senses in the place of the Sun, notwithstanding so great hath been the industry of the learned *Ticho Brahe*, the Landgrave of *Hessen*, the worthy *Kepler*, *Longomontanus*, and others; that they have (by the help of their large and costly Instruments) most curiously observed his true place to half a minute and less; insomuch that the time of his ingress drawn from those Observations doth little or nothing dissent from truth, or at leastwise the difference is so imperceptible that all the Learned Astronomers both of this and other Nations (who have, and do daily make Observations thereof) do agree

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agree to an *lora* in his place; but the main objection some are pleased to make hereat, is the Parallax of the Sun, which they say never exceeds one fourth part of a minute but how they can prove it, I am altogether ignorant; especially if that be true which the learned and famous Astronomers, *Clavius*, *Tycho Brahe*, *Kepler*, *Longomontanus*, and others observe about the refraction of the Sun, Moon, and Stars, which elevates them far more in the Horizon than their Parallax (which is there greatest) doth depress them: but I shall not trouble my Readers patience with any further discourse hereof at present.

Ver, the Spring (which naturally begins about mid-February) according to our vulgar account, begins at such time as the Earth enters the first point of *Libra*, the Sun then seeming to touch the opposite point *Aries*, which either way considered doth Commence this Year on the ninth day of *March*; 20 hours, 20 minutes, and 10 seconds *post Meridiem*, according to the *Rudolphine* Tables of that excellent Mathematician *John Kepler*, from the Observation of the thrice noble *Tycho Brahe*, supputated to the Meridian of *Uraniburge*: therefore adding 50 minutes for the difference of Meridians between *London* and *Uraniburge*, so the time of the Suns ingress in the Meridian of *London*, is the ninth day of *March*, at 21 hours, 10 minutes, and 10 seconds *post meridiem*, or Afternoon, or the tenth day of *March*, at 10 minutes and 10 seconds past nine of the Clock in the Forenoon.

And because the Revolutions of the Years of the world are usually accounted to take imitation; at the time of the Suns ingress into the first point of *Aries*; I shall first examine the time thereof from the abovesaid Tables by complete Calculation, and shall afterward erect the Scheme of the Heavens for the time aforesaid. The Calculation follows.

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Middle Time given for the Meridian of *London*,
March 9 d. 21 h. 10' 10" P.M. By complete
 Calculation à *Tab. Rudolphin.*

<i>Tempus datum</i>	<i>Longitudo Solis.</i>				<i>Apogei Solis.</i>			
	S.	D.	M.	Sc.	S.	D.	M.	Sc.
<i>Anno Chr.</i> § 1600	9	20	55	23	3	5	44	8
80	0	0	36	16		1	22	10
2	11	29	31	20			2	4
<i>Menfis Februarii</i>	1	28	9	11				10
<i>Dies</i> 8		7	53	7				1
<i>Hora</i> 21			51	45				0
<i>Scrup. prim.</i> 30				24				0
<i>Scrup. secund.</i> 10				1				0
<i>Longi. Solis Media</i>	11	27	57	27	3	7	8	33
<i>Aphel. Substra.</i>	3	7	8	33				
<i>Anomalie Eccent.</i>	8	10	48	44				
<i>Equatio Addenda</i>		2	2	33				
<i>Locus Solis verus</i>	00	00	00	00	<i>Id est</i> ♄ 0 0 0			

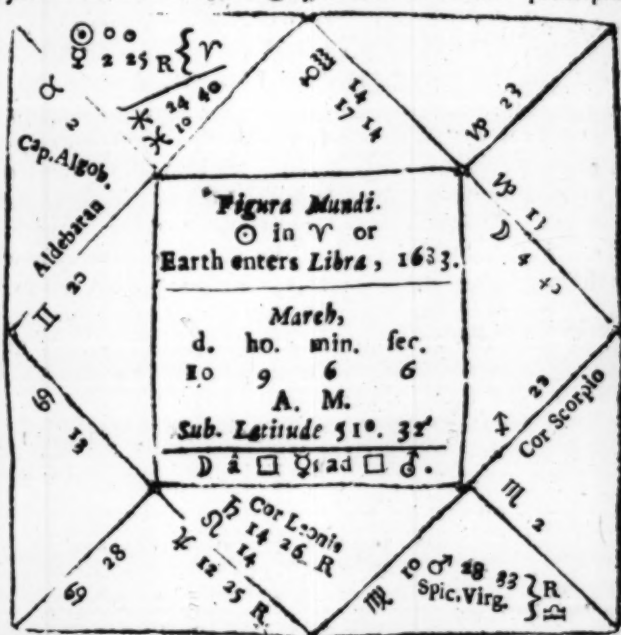
	D.	H.	M.	Sc.
Middle time (therefore at <i>London</i>) is	9	21	10	10
Equation of days subtract	0	0	4	4
Apparent time of the Suns ingress at <i>London</i> .	9	21	6	6

Having thus Astronomically calculated the time of the Suns ingress, according to the *Rudolphine* Tables of *John Kepler*, and rectified the same to the Meridian of the famous City of *London*, I shall now in the next place come to erect the Scheme of Heaven, according to my usual custom by the rational way of *Johannes Regiomontanus*; whereby is represented the present position of the Coelestial bodies, as here in the following Figure.

G orifi.

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Constitutio Cæli ad tempus ingressus Solis in Arietis principium



Hermes saith, that the Planet that's Angular in the Revolutionary Figure shall be Lord of the year, to whom assents *Albumasar in initio florum*, and herein that Planet that is in the Ascendant is to be preferr'd before him that is in the *medium Caeli*, and he that is in the *medium Caeli*, before him in the seventh and fourth Houses, &c. *Ptolomy* adviseth us to erect Schemes for all the four Quarters of the Year, and of the Conjunctions or Oppositions preventional. *Haly* considered only the figure of the ingress it self: But the learned and expert Mathematician Mr: *David Origanus*, part 3. *de effectibus*, having found the Doctrine of *Ptolomy* to be more substantial and agreeable to observation and experience, adviseth us to erect three Schemes for every quarter of the year, namely one for the Ingress, one for the Conjunction or Opposition preventional, and the other for the Conjunction

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tion or opposition postventional, and therein from the Ascendant, *medium Cæli* and place of the Luminaries; to extract the essential Dignities and debilities of the Planets: according to which doctrine I find (that in this Revolution 1683.) *Mars* chief Lord and Almuren of the Revolution: for in the figure of the ingress he hath 11 essential Dignities, in the full Moon preventional 4, and in the postventional new Moon 1, so that in all he hath 16 signs of Fortitude; *Saturn* hath 11 clear Testimonies of strength, *Jupiter* hath 9 Dignities, *Mercury* strong by 6, *Venus* hath 3 Dignities, but the Sun and Moon are weak in the 3 Schemes of the ingress. But to come more nearer to our intended purpose, I find in the former figure of the Revolution the 20 deg. of *Gemini* ascending, and the 14 deg. of *Aquarius* Culminating, the one a common, the other a fixed sign, in which respect these 3 Schemes shall not only serve for the Spring Quarter, but for all the other quarters of the ensuing Year.

In this years Revolution, the two memorable eclipses of the Moon that hapned the last year, one hapned the 11 day of *February*, in the 4. deg. of *Virgo*, and the last was upon the 8. day of *August* in the 25 deg. of *Aquarius* is in force, mixing their effects with the eclipse of the sun, that will happen this year upon the 17 day of *January* in the 8 degree of *Aquarius* (as before I have noted) and also considering the 3 Conjunctions of the two Superiour Planets *Saturn* and *Jupiter* in the fiery sign *Leo*, the first of which was on the 9 day of *October* 1682, and the other will happen on the 30 day of *January* this present year about 8 hours p. m. according to Mr. *Gadbury's* Calculations; and the third will be on the second day of *May* next ensuing after the Suns ingress into *Aries* in the 14. 16 and 19 degrees of the Regal sign *Leo*. And also looking back to the last dreadful Comet that appeared in *December* 1680. For as a learned Author saith, Comets are the certain Messengers of sad news unto the World. The seldom appearance of them makes them little heeded amongst the Vulgar, yet the Ancients have observed, a Comet never
yet

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yet appeared in Heaven, but that it signifies and brings some direful evil. They were accounted signs by the Learned, and obtained the second place in Judgment, as always portending strange and dismal Accidents to the World; and therefore their signification may be known, and ought by prudent men not to be neglected. The last year was celebrated a famous Conjunction of *Saturn* and *Mars* on the 12. day of *September* in the 17 deg. of the fiery sign *Leo*, now this year in force, which signifies some cross transactions in the World, in the year 1652, there happened a conjunction of these unfavourable Planets in *Leo*, and what prodigious effects it produced to *Italy* in general, and *Rome* in particular; I need not recite, that Raging and consuming Plague are too too eminent Testimonies of the verity of its effects; and now these two maleficks being conjoynd again in the same sign, gives them the like warning; a Conjunction of *Saturn* and *Mars*, the two malevolent and worst Planets whose influence indeed may produce wonderful alterations and mutations, but not wholly of themselves without other convenient Causes of preceding and subsequent Configurations; Verily if we do but with a judicious eye consider the preceding present, and future positions of the Heavens, and keep close touch with Astrology. we may (not rashly) conjecture, that people shall this year be much inclined to sicknesses and Diseases, of a hot and dry nature as the accidental position of *Mars* prenotes: and moreover, *Mars* being Lord and principal ruler of this Revolution, and hath also a tedious transie through the sign *Libra*, corrupting the sign called the Sign of Justice near eight months together; when *Mars* hath dominion in a Revolution, he is the stirrer up of Wars and Seditions, Tumults, Insurrections, Rebellion of Subjects against their Superiours. unexpected slaughters, imprisonments, banishment: the besieging and taking of Towns, and these most frequently when he is in a humane sign, viz. the events pertaining to men; there will be also great Robberies, Thefts, Rapines, Murthers, Law suits, Duels, &c. in the body of man, he stirs up Choler, Acute Feavers, corruption

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ruption of Bloud, violent and pernicious Diseases with sudden and violent Accidents, causing sudden death to young men especially, Soldiers will be apt to mutiny and make Conbustion, whereby there happens many Manslaughters, firing of Houses, &c. in the Air he causeth great corruption by his excess of heat and driness; produceth extraordinary sultry blasts, strong, pestilential and infectious Winds, great Heat, Thunder, Lightning, Whirl-winds, great Drought, fiery Apparitions in the air, or other strange sights and Apparitions. In the Sea he causeth great shipwracks by reason of storms and tempestuous blasts; in Rivers he causeth a great abatement, or dries them up, corrupts the Waters, and causeth putrifaction therein; he corrupts the Fruits of the earth and destroys them, causing scarcity of grain and such other necessaries for the body of man. *Albumasar* saith, when *Mars* is in *Libra*, and hath dominion in a Revolution, he signifies many Thieves, and publick Robberies, terrible Fears and Rumours, Death and divers misfortunes shall happen among men, especially in the Southern parts; A scarcity of Rain and mists, but if his Latitude be North (as here it is) there will be a multitude of tempestuous Winds: *Haly* saith when *Mars* is joined to *Saturn*, one man will use defraud and deceit to another, and seek to intrap them; there will happen among men Wounds, Fightings, Slaughters; and seeing *Mars* (at the time of this years Revolutionary figure) is in a humane sign as I noted before, therefore we may probably conjecture, that this Judgment of *Haly* will take place to purpose; viz. such Cossenages, Cheats, notorious Robberies both by Sea and Land, inhumane Murthers, Massacres, Dissentions, quarrelling both at home and abroad. And experience of this Judgment of *Haly* we have had of late years; God knows, I grieve to speak thereof, for how many Cheats doth the World now abound with, (the more is the pity): what Lying, Cologuing, and Dissembling is there in the World amongst men of all sorts and conditions? yea, for the most part what greater deceit and cossenage is there then amongst them that speak you fair;

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fair, for many times though they profess friendship, and give you fine flattering words, expressing a great deal of love and kindness; yet no sooner is their backs turned, but give it out he is an idle, sorry and ill-deserving fellow. Again, amongst many of them that are the greatest professors of Religion, are not a great many, yea too too many of them Hypocrites and meer Outsides, having only a form of godliness (as the Apostle speaks, 1 Tim. 3. 5.) but deny the power thereof; Lastly, if we look no further but into our common Markets, we may there see one Couzen, Cheat, and defraud another; there if the Seller can circumvent and cheat the Buyer in his Commodity by selling it far beyond the worth and due price thereof. O then how doth he brag and rejoyce thereat. Thus casting our eye upon the World, what do we see therein, but vice, villany and prophaneness, there we see every man for himself, and prone upon all occasions to work his own by-ends and sinister designs, though to the exceeding prejudice and damage of his Neighbour. Let us therefore if we intend to enjoy peace, and the good things of this life, and that which is to come, shake off these Vipers and enormous Offences, that so much abound in all parts of the Nation; but I shall forbear to enlarge my self any further at this time, humbly beseeching Almighty God in his infinite mercy to divert all further Judgments whatsoever; and grant us perfect peace and unity, Amen.

My Room grows too narrow for me to treat of other matters which I intended when I did first enter upon this task; therefore I can but barely mention the other quarters of the Year.

Summer.

Upon Monday the 11 day of June at 51 min. before 12 a Clock at Noon, the Sun then enters the first point of Cancer, at which time the 21 deg. of Virgo Ascends; and the 18 degr. of Π is on the mid-heaven $\text{h. } 4. \text{Q.}$ in the 11 House: in \square to the J and Q in the 9th. S in the second House in his detriment in \ast to h and V ; the \odot , Q in the 10th house of Heaven.

Ausimn.

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Autumn or Harvest.

On Thursday the 13 day of September, at 39 min. past 2 o'clock in the morning, the Sun toucheth the first scruple of the Equinoctial sign *Libra*, making thereby the Days and Nights of equal length throughout the World. At which time aforesaid the 24 degree of Ω Ascends, and the 12 degr. of γ Culminates; h in the Ascendant, near to that Regal fixed Star *Cor. Leonis*, v . q in the second House, and z in his detriment, and q in her fall, viz. both weak, the \odot in the second, δ in the 4 House in \ast to q in the third, and d in the 3d. Also, I could descant upon this Position, but my room is too narrow: but I pity those that in these latter days, do write when Bounty hath shut up her Gates:

*When Day and Night in vain good Writers knock;
And for their pains oft have a mock.*

Winter.

On Tuesday the 11 day of December at 32 min. past 2 o'clock in the afternoon, the Sun enters *Capricorn*, making the shortest day and longest night in the Year; at the same time, the 10 degr. of Π Ascends, and the 6 degr. of m is on the Mid-heaven: h and v in the 5 House in the sign m , \odot & q in the 7, q in the 8, δ & d in the 10, the d applying to a δ with δ , and q applies to the \ast of δ .

*Nw having walk'd through twelve Celestial Signs,
And view'd the Motions of the wondrous Seven:
Felt the effects of Stars, whose light so shines;
All Creatures share in't, that are under Heaven.
I will strike Sail, and so conclude my Story,
Giving to God all Honour, Power, Praise, and Glory.*

And so until the next Year (if God spare my life so long)
Farewell.

Primo die Maii,

1682.

FINIS.

Thine,
Thomas Fowle.